

Mail to:  
California Natural Diversity Database  
Department of Fish and Game  
1807 13<sup>th</sup> Street, Suite 202  
Sacramento, CA 95811  
Fax: (916) 324-0475 email: CNDDDB@dfg.ca.gov

For Office Use Only

Source Code \_\_\_\_\_ Quad Code \_\_\_\_\_  
Elm Code \_\_\_\_\_ Occ. No. \_\_\_\_\_  
EO Index No. \_\_\_\_\_ Map Index No. \_\_\_\_\_

Date of Field Work (mm/dd/yyyy): 08/12/2008

Reset

California Native Species Field Survey Form

Send Form

Scientific Name: Tetracoccus dioicus

Common Name: Parry's Tetracoccus

Species Found? ☒ Yes ☐ No If not, why? \_\_\_\_\_  
Total No. Individuals 1 Subsequent Visit? ☐ yes ☒ no  
Is this an existing NDDDB occurrence? ☐ no ☒ unk.  
Yes, Occ. # \_\_\_\_\_  
Collection? If yes: \_\_\_\_\_  
Number \_\_\_\_\_ Museum / Herbarium \_\_\_\_\_

Reporter: Ryan Villanueva, TRC Solutions, Inc.

Address: 21 Technology Dr.  
Irvine, CA 92618

E-mail Address: rvillanueva@trcsolutions.com

Phone: (949) 838-7482

Plant Information

Phenology: 80 % 10 % 10 %  
vegetative flowering fruiting

Animal Information

# adults # juveniles # larvae # egg masses # unknown  
☐ breeding ☐ wintering ☐ burrow site ☐ rookery ☐ nesting ☐ other

Location Description (please attach map AND/OR fill out your choice of coordinates, below)

County: San Diego County Landowner / Mgr.: Unknown  
Quad Name: Pala 7.5" topographic quadrangle Elevation: \_\_\_\_\_  
T \_\_\_\_\_ R \_\_\_\_\_ Sec \_\_\_\_\_, \_\_\_\_\_ 1/4 of \_\_\_\_\_ 1/4, Meridian: H ☐ M ☐ S ☐ Source of Coordinates (GPS, topo. map & type): GPS  
T \_\_\_\_\_ R \_\_\_\_\_ Sec \_\_\_\_\_, \_\_\_\_\_ 1/4 of \_\_\_\_\_ 1/4, Meridian: H ☐ M ☐ S ☐ GPS Make & Model Trimble Geo XH  
**DATUM:** NAD27 ☐ NAD83 ☐ WGS84 ☐ Horizontal Accuracy sub-meter meters/feet  
Coordinate System: UTM Zone 10 ☐ UTM Zone 11 ☒ OR Geographic (Latitude & Longitude) ☐  
Coordinates: 489,659 3,691,231

Habitat Description (plant communities, dominants, associates, substrates/soils, aspects/slope):

Coastal sage scrub. Dominants of herbaceous layer was primarily nonnative annual bromes and wild oat grasses (dried) with the following shrubs: California sagebrush (*Artemisia californica*), California buckwheat (*Eriogonum fasciculatum*), Laurel sumac (*Malsoma laurina*), holly-leaved cherry (*Prunus illicifolia*), scrub oak (*Quercus berberidifolia*), white sage (*Salvia apiana*), ropevine clematis (*Clematis pauciflora*).

Other rare taxa seen at THIS site on THIS date:  
(separate form preferred)

Site Information Overall site/occurrence quality/viability (site + population): ☒ Excellent ☐ Good ☐ Fair ☐ Poor

Immediate AND surrounding land use: Abandoned orchard surrounded by high quality coastal sage scrub.

Visible disturbances:

Threats: Development

Comments:

Determination: (check one or more, and fill in blanks)

- ☐ Keyed (cite reference): \_\_\_\_\_  
☐ Compared with specimen housed at: \_\_\_\_\_  
☒ Compared with photo / drawing in: Calphoto  
☐ By another person (name): \_\_\_\_\_  
☒ Other: Previous CNDDDB record

Photographs: (check one or more)

Slide Print Digital  
Plant / animal ☐ ☐ ☐  
Habitat ☐ ☐ ☐  
Diagnostic feature ☐ ☐ ☐

May we obtain duplicates at our expense? yes ☐ no ☐

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Common Name: Parry's Tetracoccus

Species Found? ☒ Yes ☐ No If not, why? \_\_\_\_\_  
Total No. Individuals 3 Subsequent Visit? ☐ yes ☒ no  
Is this an existing NDDDB occurrence? ☐ no ☒ unk.  
Yes, Occ. # \_\_\_\_\_  
Collection? If yes: \_\_\_\_\_  
Number \_\_\_\_\_ Museum / Herbarium \_\_\_\_\_

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Phone: (949) 838-7482

Plant Information

Phenology: 70 % 10 % 20 %  
vegetative flowering fruiting

Animal Information

# adults # juveniles # larvae # egg masses # unknown  
☐ breeding ☐ wintering ☐ burrow site ☐ rookery ☐ nesting ☐ other

Location Description (please attach map AND/OR fill out your choice of coordinates, below)

County: San Diego County

Landowner / Mgr.: Unknown

Quad Name: Pala 7.5" topographic quadrangle

Elevation: \_\_\_\_\_

T \_\_\_\_\_ R \_\_\_\_\_ Sec \_\_\_\_\_, \_\_\_\_\_ 1/4 of \_\_\_\_\_ 1/4, Meridian: H ☐ M ☐ S ☐

Source of Coordinates (GPS, topo. map & type): GPS

T \_\_\_\_\_ R \_\_\_\_\_ Sec \_\_\_\_\_, \_\_\_\_\_ 1/4 of \_\_\_\_\_ 1/4, Meridian: H ☐ M ☐ S ☐

GPS Make & Model Trimble Geo XH

**DATUM:** NAD27 ☐ NAD83 ☐ WGS84 ☐

Horizontal Accuracy sub-meter meters/feet

Coordinate System: UTM Zone 10 ☐ UTM Zone 11 ☒ OR Geographic (Latitude & Longitude) ☐

Coordinates: 489,706 3,691,280

Habitat Description (plant communities, dominants, associates, substrates/soils, aspects/slope):

Coastal sage scrub. Dominants of herbaceous layer was primarily nonnative annual bromes and wild oat grasses (dried) with the following shrubs: California sagebrush (*Artemisia californica*), California buckwheat (*Eriogonum fasciculatum*), Laurel sumac (*Malsoma laurina*), holly-leaved cherry (*Prunus illicifolia*), scrub oak (*Quercus berberidifolia*), white sage (*Salvia apiana*), ropevine clematis (*Clematis pauciflora*).

Other rare taxa seen at THIS site on THIS date:  
(separate form preferred)

Site Information Overall site/occurrence quality/viability (site + population): ☒ Excellent ☐ Good ☐ Fair ☐ Poor

Immediate AND surrounding land use: Abandoned orchard surrounded by high quality coastal sage scrub.

Visible disturbances:

Threats: Development

Comments:

Determination: (check one or more, and fill in blanks)

- ☐ Keyed (cite reference): \_\_\_\_\_  
☐ Compared with specimen housed at: \_\_\_\_\_  
☒ Compared with photo / drawing in: Calphoto  
☐ By another person (name): \_\_\_\_\_  
☒ Other: Previous CNDDDB record

Photographs: (check one or more)

|                    | Slide                    | Print                    | Digital                  |
|--------------------|--------------------------|--------------------------|--------------------------|
| Plant / animal     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Habitat            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Diagnostic feature | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

May we obtain duplicates at our expense? yes ☐ no ☐



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Scientific Name: *Tetracoccus dioicus*

Common Name: Parry's Tetracoccus

Species Found? ☒ Yes ☐ No If not, why? \_\_\_\_\_  
Total No. Individuals 23 Subsequent Visit? ☐ yes ☒ no  
Is this an existing NDDDB occurrence? ☐ no ☒ unk.  
Yes, Occ. # \_\_\_\_\_  
Collection? If yes: \_\_\_\_\_  
Number \_\_\_\_\_ Museum / Herbarium \_\_\_\_\_

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Phone: (949) 838-7482

Plant Information

Phenology: 70% vegetative 10% flowering 20% fruiting

Animal Information

# adults # juveniles # larvae # egg masses # unknown  
☐ breeding ☐ wintering ☐ burrow site ☐ rookery ☐ nesting ☐ other

Location Description (please attach map AND/OR fill out your choice of coordinates, below)

County: San Diego County

Landowner / Mgr.: Unknown

Quad Name: Pala 7.5" topographic quadrangle

Elevation: \_\_\_\_\_

T \_\_\_\_\_ R \_\_\_\_\_ Sec \_\_\_\_\_, \_\_\_\_\_ 1/4 of \_\_\_\_\_ 1/4, Meridian: H ☐ M ☐ S ☐

Source of Coordinates (GPS, topo. map & type): GPS

T \_\_\_\_\_ R \_\_\_\_\_ Sec \_\_\_\_\_, \_\_\_\_\_ 1/4 of \_\_\_\_\_ 1/4, Meridian: H ☐ M ☐ S ☐

GPS Make & Model Trimble Geo XH

DATUM: NAD27 ☐ NAD83 ☐ WGS84 ☐

Horizontal Accuracy sub-meter \_\_\_\_\_ meters/feet

Coordinate System: UTM Zone 10 ☐ UTM Zone 11 ☒ OR Geographic (Latitude & Longitude) ☐

Coordinates: 489,575 3,691,131

Habitat Description (plant communities, dominants, associates, substrates/soils, aspects/slope):

Coastal sage scrub. Dominants of herbaceous layer was primarily nonnative annual bromes and wild oat grasses (dried) with the following shrubs: California sagebrush (*Artemisia californica*), California buckwheat (*Eriogonum fasciculatum*), Laurel sumac (*Malsoma laurina*), holly-leaved cherry (*Prunus illicifolia*), scrub oak (*Quercus berberidifolia*), white sage (*Salvia apiana*), ropevine clematis (*Clematis pauciflora*).

Other rare taxa seen at THIS site on THIS date:  
(separate form preferred)

Site Information Overall site/occurrence quality/viability (site + population): ☒ Excellent ☐ Good ☐ Fair ☐ Poor

Immediate AND surrounding land use: Abandoned orchard surrounded by high quality coastal sage scrub.

Visible disturbances:

Threats: Development

Comments:

Determination: (check one or more, and fill in blanks)

- ☐ Keyed (cite reference): \_\_\_\_\_  
☐ Compared with specimen housed at: \_\_\_\_\_  
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☐ By another person (name): \_\_\_\_\_  
☒ Other: Previous CNDDDB record

Photographs: (check one or more)

|                    | Slide                    | Print                    | Digital                  |
|--------------------|--------------------------|--------------------------|--------------------------|
| Plant / animal     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Habitat            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Diagnostic feature | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

May we obtain duplicates at our expense? yes ☐ no ☐

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Scientific Name: *Tetracoccus dioicus*

Common Name: Parry's Tetracoccus

Species Found? ☒ Yes ☐ No If not, why? \_\_\_\_\_  
Total No. Individuals 3 Subsequent Visit? ☐ yes ☒ no  
Is this an existing NDDDB occurrence? ☐ no ☒ unk.  
Yes, Occ. # \_\_\_\_\_  
Collection? If yes: \_\_\_\_\_  
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Plant Information

Phenology: 80 % 10 % 10 %  
vegetative flowering fruiting

Animal Information

# adults # juveniles # larvae # egg masses # unknown  
☐ breeding ☐ wintering ☐ burrow site ☐ rookery ☐ nesting ☐ other

Location Description (please attach map AND/OR fill out your choice of coordinates, below)

County: San Diego County

Landowner / Mgr.: Unknown

Quad Name: Pala 7.5" topographic quadrangle

Elevation: \_\_\_\_\_

T \_\_\_\_\_ R \_\_\_\_\_ Sec \_\_\_\_\_, \_\_\_\_\_ 1/4 of \_\_\_\_\_ 1/4, Meridian: H ☐ M ☐ S ☐

Source of Coordinates (GPS, topo. map & type): GPS

T \_\_\_\_\_ R \_\_\_\_\_ Sec \_\_\_\_\_, \_\_\_\_\_ 1/4 of \_\_\_\_\_ 1/4, Meridian: H ☐ M ☐ S ☐

GPS Make & Model Trimble Geo XH

**DATUM:** NAD27 ☐ NAD83 ☐ WGS84 ☐

Horizontal Accuracy sub-meter meters/feet

Coordinate System: UTM Zone 10 ☐ UTM Zone 11 ☒ OR Geographic (Latitude & Longitude) ☐

Coordinates: 489,591 3,691,241

Habitat Description (plant communities, dominants, associates, substrates/soils, aspects/slope):

Coastal sage scrub. Dominants of herbaceous layer was primarily nonnative annual bromes and wild oat grasses (dried) with the following shrubs: California sagebrush (*Artemisia californica*), California buckwheat (*Eriogonum fasciculatum*), Laurel sumac (*Malsoma laurina*), holly-leaved cherry (*Prunus illicifolia*), scrub oak (*Quercus berberidifolia*), white sage (*Salvia apiana*), ropevine clematis (*Clematis pauciflora*).

Other rare taxa seen at THIS site on THIS date:  
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Site Information Overall site/occurrence quality/viability (site + population): ☒ Excellent ☐ Good ☐ Fair ☐ Poor

Immediate AND surrounding land use: Abandoned orchard surrounded by high quality coastal sage scrub.

Visible disturbances:

Threats: Development

Comments:

Determination: (check one or more, and fill in blanks)

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☒ Other: Previous CNDDDB record

Photographs: (check one or more)

Slide Print Digital  
Plant / animal ☐ ☐ ☐  
Habitat ☐ ☐ ☐  
Diagnostic feature ☐ ☐ ☐

May we obtain duplicates at our expense? yes ☐ no ☐



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Scientific Name: Tetracoccus dioicus

Common Name: Parry's Tetracoccus

Species Found? ☒ Yes ☐ No If not, why? \_\_\_\_\_

Total No. Individuals 1 Subsequent Visit? ☐ yes ☒ no

Is this an existing NDDDB occurrence? ☐ no ☒ unk.  
Yes, Occ. # \_\_\_\_\_

Collection? If yes: \_\_\_\_\_  
Number \_\_\_\_\_ Museum / Herbarium \_\_\_\_\_

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Plant Information

Phenology: 80 % 10 % 10 %  
vegetative flowering fruiting

Animal Information

# adults # juveniles # larvae # egg masses # unknown  
☐ breeding ☐ wintering ☐ burrow site ☐ rookery ☐ nesting ☐ other

Location Description (please attach map AND/OR fill out your choice of coordinates, below)

County: San Diego County

Landowner / Mgr.: Unknown

Quad Name: Pala 7.5" topographic quadrangle

Elevation: \_\_\_\_\_

T \_\_\_\_\_ R \_\_\_\_\_ Sec \_\_\_\_\_, \_\_\_\_\_ 1/4 of \_\_\_\_\_ 1/4, Meridian: H ☐ M ☐ S ☐

Source of Coordinates (GPS, topo. map & type): GPS

T \_\_\_\_\_ R \_\_\_\_\_ Sec \_\_\_\_\_, \_\_\_\_\_ 1/4 of \_\_\_\_\_ 1/4, Meridian: H ☐ M ☐ S ☐

GPS Make & Model Trimble Geo XH

**DATUM:** NAD27 ☐ NAD83 ☐ WGS84 ☐

Horizontal Accuracy sub-meter meters/feet

Coordinate System: UTM Zone 10 ☐ UTM Zone 11 ☒ OR Geographic (Latitude & Longitude) ☐

Coordinates: 489,716 3,691,267

Habitat Description (plant communities, dominants, associates, substrates/soils, aspects/slope):

Coastal sage scrub. Dominants of herbaceous layer was primarily nonnative annual bromes and wild oat grasses (dried) with the following shrubs: California sagebrush (*Artemisia californica*), California buckwheat (*Eriogonum fasciculatum*), Laurel sumac (*Malsoma laurina*), holly-leaved cherry (*Prunus illicifolia*), scrub oak (*Quercus berberidifolia*), white sage (*Salvia apiana*), ropevine clematis (*Clematis pauciflora*).

Other rare taxa seen at THIS site on THIS date:  
(separate form preferred)

Site Information Overall site/occurrence quality/viability (site + population): ☒ Excellent ☐ Good ☐ Fair ☐ Poor

Immediate AND surrounding land use: Abandoned orchard surrounded by high quality coastal sage scrub.

Visible disturbances:

Threats: Development

Comments:

Determination: (check one or more, and fill in blanks)

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☐ Compared with specimen housed at: \_\_\_\_\_  
☒ Compared with photo / drawing in: Calphoto  
☐ By another person (name): \_\_\_\_\_  
☒ Other: Previous CNDDDB record

Photographs: (check one or more)

|                    | Slide                    | Print                    | Digital                  |
|--------------------|--------------------------|--------------------------|--------------------------|
| Plant / animal     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Habitat            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Diagnostic feature | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

May we obtain duplicates at our expense? yes ☐ no ☐